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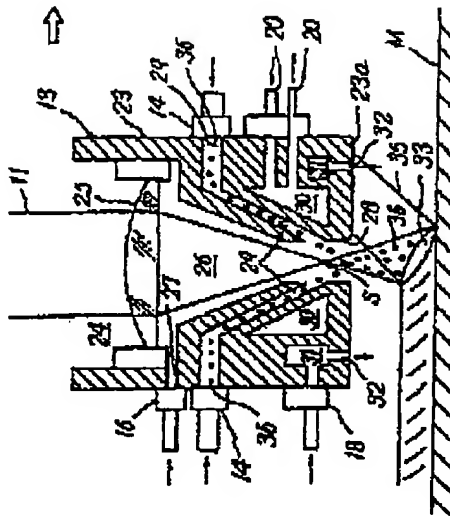
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APPLICANT : TOSHIBA CORP;

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TITLE : LASER BEAM BUILD-UP WELDING
DEVICE

ABSTRACT : **PURPOSE:** To stably supply build-up material and to prevent a thermal effect by providing a supply port of the build-up material and the beam receiving surface to shield a reflected beam from a workpiece on a laser beam machining head of a laser beam build-up welding device.

CONSTITUTION: The laser beam machining head 13 is provided with the build-up material supply port 29 to supply the build-up material 36 in the direction of an optical axis of a laser beam 11 with which the workpiece M is irradiated and the beam receiving surface 23a to receive and shield the reflected beam 35 from the workpiece M. Accordingly, even at the time of machining for a long time, the build-up material 36 can be stably supplied without clogging and the thermal effect to peripheral equipment and an operator by the reflected laser beam 35 is prevented satisfactorily.

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